



## **KANSAS DEPARTMENT OF HEALTH & ENVIRONMENT**

### **PROCEDURE FOR PRESENTATION OF LOGS FOR HYDROCARBON STORAGE WELLS**

#### **Procedure #: UICLPG-5**

(3/03)

#### Narrative:

K.A.R. 28-45-7 requires that the thickness of the salt roof of each hydrocarbon storage well developed in salt formations be checked every five (5) years or every two (2) years if freshwater is used for product displacement. Gamma-ray density logs or gamma-ray neutron (if source licensed in Kansas for hydrocarbon storage wells) or other methods approved by the Kansas Department of Health and Environment (KDHE) shall be used for this purpose. It is the operator's responsibility to conduct the required logging and to ensure that required information on the log and scale headers is provided for the logging event.

#### **Log Header**

1. Provide all information requested on the log header.
2. Be sure to include: well number and facility
3. Provide legal location including quarter description or footage from designated section line
4. Provide permanent datum and elevation
5. Provide information for casing record

#### **Scale header:**

6. List type of log(s) being run; identify source. Note any other logs that are being run at this well during this logging event.
7. Make sure scales for each log type are printed on the scale header.

#### **Comment Section:**

8. Note condition of well or borehole
9. Note whether tubing was pulled or left in place while logging.
10. Note any problems encountered in logging the well

#### **Procedures:**

11. Do not adjust depths on the log to geologic formation tops, casing seats, or casing depths from previous log runs. Note depth adjustments in the comment section of the log.
12. If the datum has changed from past logging runs, note this in the comment section.

#### **Reporting:**

13. Submit log summary with log copies to KDHE. Include well name, facility, legal location, type log, date logged, and logging company. The report should be a comparison of the last log run with the current log run. Compare data for salt top, cavern top, salt roof thickness, brine interface, and total depth.